

**Commonwealth of Kentucky
Energy and Environment Cabinet
Department for Environmental Protection
Division for Air Quality
200 Fair Oaks Lane, 1st Floor
Frankfort, Kentucky 40601
(502) 564-3999**

Draft

**AIR QUALITY PERMIT
Issued under 401 KAR 52:020**

Permittee Name: Department of Corrections
Mailing Address: 2439 Lawrenceburg Road, Frankfort, KY 40602

Source Name: Northpoint Training Center
Mailing Address: State Road 1896 and Highway 33
Burgin, KY 40310

Source Location: Highway 33, Burgin

Permit: V-08-038
Agency Interest: 372
Activity: APE20080001
Review Type: Title V, Operating
Source ID: 21-021-00055

Regional Office: London Regional Office
875 S. Main Street
London, KY 40741
(606) 330-2080

County: Boyle

Application
Complete Date: October 6, 2008
Issuance Date:
Revision Date:
Expiration Date:

**John S. Lyons, Director
Division for Air Quality**

Revised 05/07/07

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Permit Number	Permit type	Activity#	Complete Date	Issuance Date	Summary of Action
V-08-038	Initial	APE20080001	10/06/08		Initial operating Permit

SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:020, Title V Permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

Emission Unit 01 (EP-01- 03) Natural Gas Fired Indirect Heat Exchangers

Description:

EP 01- Boiler #1, rated capacity: 65 MMBtu/hr, installed 1940

EP 02- Boiler #2, rated capacity: 42 MMBtu/hr, installed 1970

EP 03- Boiler #3, rated capacity: 24 MMBtu/hr, installed 1967

Secondary fuel- #2 fuel oil

APPLICABLE REGULATIONS:

401 KAR 61:015, Existing indirect heat exchangers, applicable to an emissions unit with a capacity of less than 250 MMBtu/hr, commenced before April 9, 1972.

1. Operating Limitations:

None

2. Emission Limitations:

- a. Pursuant to 401 KAR 61:015, Section 4(1), particulate emissions from each unit's stack shall not exceed 0.41 lb/MMBtu, based on a three-hour-average (Region II, $0.41 = 1.28 * 131^{-0.233}$).
- b. Pursuant to 401 KAR 61:015, Section 4(3), opacity emissions from each indirect heat exchanger shall not exceed forty (40) percent, except
- c. Pursuant to 401 KAR 61:015, Section 4(3)(c), emissions from an indirect heat exchanger during building a new fire for the period required to bring the boiler up to operating conditions provided the method used is that recommended by the manufacturer and the time does not exceed the manufacturer's recommendations
- d. Pursuant to 401 KAR 61:015, Section 5, sulfur dioxide emissions from each unit's stack shall not exceed 2.55 lb/MMBtu (Region III, $2.55 = 7.7966 * 131^{-0.2291}$).

Compliance Demonstration:

The units are assumed to be in compliance with PM, SO₂ and opacity standards while burning natural gas. Sulfur content of the fuel oil should not exceed 0.05 percent by weight while burning fuel oil, and can demonstrate compliance by vendor certification.

3. Testing Requirements:

Pursuant to 401 KAR 50:045, the permittee shall determine the opacity of emissions from the stack while burning #2 fuel oil by using U.S. EPA Reference Method 9 at an interval not to exceed seven (7) days, or more frequently if requested by the Division.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

4. Specific Monitoring Requirements:

- a. Pursuant to 401 KAR 52:020, Section 26, the permittee shall monitor hours of operation and the natural gas usage on a monthly basis.
- b. Pursuant to 401 KAR 52:020, Section 26, the permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a weekly basis and maintain a log of observations. If visible emissions are seen then the opacity shall be determined by using U.S. EPA Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for any necessary repairs.

5. Specific Recordkeeping Requirements:

Pursuant to 401 KAR 52:020, Section 26, records of fuel used, opacity readings and hours of operation shall be maintained on a monthly basis.

6. Specific Reporting Requirements:

See Section F

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Emission Unit 02 (EP-04) Natural Gas Fired Indirect Heat Exchanger

Description:

Maximum Rating: 20MMBtu/hr

Year Constructed: 1980

Primary fuel- Natural Gas

Secondary fuel- #2 fuel oil

APPLICABLE REGULATIONS:

401 KAR 59:015, New indirect heat exchangers, applicable to an emissions unit with a capacity of less than 250 MMBtu/hr which commenced on or after April 9, 1972.

1. Operating Limitations:

None

2. Emission Limitations:

- a. Pursuant to 401 KAR 59:015, Section 4(1)(c), particulate emissions from the unit's stack shall not exceed 0.29 lb/MMBtu, based on a three-hour-average ($0.29 = 0.9634 * 151^{-0.2356}$).
- b. Pursuant to 401 KAR 59:015, Section 4(2)(b), opacity emissions from the indirect heat exchanger shall not exceed twenty (20) percent except that a maximum of forty (40) percent opacity shall be permissible for not more than six consecutive minutes in any sixty consecutive minutes during cleaning the fire box or blowing soot.
- c. Pursuant to 401 KAR 59:015, Section 4(2)(c), emissions from the indirect heat exchanger shall not exceed 20 percent opacity based on a six minute average except during building a new fire for the period required to bring the boiler up to operating conditions provided the method used is that recommended by the manufacturer and the time does not exceed the manufacturer's recommendations.
- d. Pursuant to 401 KAR 59:015, Section 5(c), sulfur dioxide emissions from the unit's stack shall not exceed 0.98 lb/MMBtu ($0.98 = 7.7223 * 151^{-0.4106}$)

Compliance Demonstration:

The units are assumed to be in compliance with PM, SO₂ and opacity standards while burning natural gas. Sulfur content of the fuel oil should not exceed 0.05 percent by weight while burning fuel oil, and can demonstrate compliance by vendor certification.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

3. Testing Requirements:

Pursuant to 401 KAR 50:045, the permittee shall determine the opacity of emissions from the stack while burning #2 fuel oil by using U.S. EPA Reference Method 9 at an interval not to exceed seven (7) days, or more frequently if requested by the Division.

4. Specific Monitoring Requirements:

- a. Pursuant to 401 KAR 52:020, Section 26, the permittee shall monitor hours of operation and the natural gas usage on a monthly basis.
- b. Pursuant to 401 KAR 52:020, Section 26, the permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a weekly basis and maintain a log of observations. If visible emissions are seen then the opacity shall be determined by using U.S. EPA Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for any necessary repairs.

5. Specific Recordkeeping Requirements:

Pursuant to 401 KAR 52:020, Section 26, records of fuel used and hours of operation shall be maintained on a monthly basis.

6. Specific Reporting Requirements:

See Section F

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**Emission Unit 03 (EP-06-EP-07, EP-09-EP-10, EP-12)
Diesel Fired Emergency Generators**

Description:

Ratings and Installation dates: EP-06, 200 KW, 268 Hp, 1992;
EP-07, 100 KW, 134 Hp 1980;
EP-09, 200 KW, 268 Hp 1980;
EP-10, 50 KW, 67 Hp 1980;
EP-12, 150 KW, 201 Hp 1982.

APPLICABLE REGULATION:

None

1. Operating Limitations:

Each emission unit shall not operate more than 500 hours yearly (12 month rolling total)

2. Emission Limitations:

None

3. Testing Requirements:

None

4. Specific Monitoring Requirements:

Pursuant to 401 KAR 52:020, Section 26, the permittee shall monitor and maintain records of fuel used and the total hours of operation of each generator on a monthly basis and on a consecutive twelve (12) month total.

5. Specific Recordkeeping Requirements:

Pursuant to 401 KAR 52:020, Section 26, the permittee shall maintain records of fuel used and the total hours of operation of each generator on a monthly basis and on a consecutive twelve (12) month total.

6. Specific Reporting Requirements:

See Section F

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Emission Unit 04 Three (EP-05, EP-08, EP-11) Diesel fuel Emergency Generators

Description:

Ratings and Installation dates: EP-05, 100 KW, 134 Hp 2008;
 EP-08, 50 KW, 67 Hp 2008;
 EP-11, 125 KW, 168 Hp 2007.

APPLICABLE REGULATION:

40 CFR 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (CI ICE), commencing construction (order placed date) after July 11, 2005 and manufactured after April 1, 2006.

1. Operating Limitations:

Each emission unit shall not operate more than 500 hours yearly (12 month rolling total)

- a. Pursuant to 40 CFR 60.4207, diesel fuel used must meet the per-gallon requirements of 40 CFR 80.510(a): (1) Sulfur content 500 parts per million (ppm) maximum. (2) Cetane index or aromatic content, as follows (i) A minimum Cetane index of 40; or (ii) A maximum aromatic content of 35 volume percent.
- b. Pursuant to 40 CFR 60.4207, beginning October 1, 2010, diesel fuel used must meet the per-gallon requirements of 40 CFR 80.510(b): (1) Sulfur content.(i) 15 ppm maximum for NR diesel fuel.(ii) 500 ppm maximum for LM diesel fuel. (2) Cetane index or aromatic content, as follows: (i) A minimum Cetane index of 40; or (ii) A maximum aromatic content of 35 volume percent.
- c. Pursuant to 40 CFR 60.4211, the engine must have been certified by the manufacturer according to 40 CFR parts 89 or 94, and the engine must be installed and configured according to the manufacturer's specifications. If the engine has not been certified, the operator must demonstrate compliance according to one of the methods specified in 40 CFR 60.4211(b)(1) through (b)(5).

2. Emission Limitations:

Emission limit is applicable to each emission unit:

- a. Pursuant to 40 CFR 60.4205, the emission limit for hydrocarbons is 1.0 gram/bhp-hr.
- b. Pursuant to 40 CFR 60.4205, the emission limit for Nitrogen dioxide is 6.9 gram/bhp-hr.
- c. Pursuant to 40 CFR 60.4205, the emission limit for Carbon Monoxide is 8.5 gram/bhp-hr.
- d. Pursuant to 40 CFR 60.4205, the emission limit for Particulate Matter is 0.4 gram/bhp-hr.

3. Testing Requirements:

None

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

4. Monitoring Requirements:

- a. Pursuant to 40 CFR 60.4209, each unit must be equipped with a non-resettable hour meter prior to startup of the engine.
- b. Pursuant to 401 KAR 52:020 Section 26, the fuel consumption and operating hours for each engine shall be monitored on a monthly basis.

5. Recordkeeping Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall maintain records of the monthly fuel consumption and operating hours for each engine and total them in any consecutive twelve (12) months.

6. Reporting Requirements:

See Section F

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Emission Unit 05 Paint Spray Booth

Description:

Carpentry shop spray booth for using the following material operating a total of 520 hours/year: 40 gallons/year (263 lb/yr) Lacquer thinner, 20 gallons/year (113 lb/yr) Lacquer, Vinyl Sealer 15 gallons/year (83 lb/yr), Bormide Spray 35 gallons/year (231 lb/yr), Bix Spray-on 8 gallons/year (8 lb/yr), Wiping Satin 9 gallons/year (55 lb/yr), Birch Spray 5 gallons/year (33 lb/yr).

Year Installed: 1985

APPLICABLE REGULATION:

401 KAR 59:010, New Process Operations, applicable to an emission unit that commenced on or after July 2, 1975.

1. Operating Limitations:

None

2. Emission Limitations:

- a. Pursuant to 401 KAR 59:010, Section 3(2), particulate matter emissions into the open air shall not exceed 2.34 pounds per hour based on a three-hour average.
- b. Pursuant to 401 KAR 59:010, Section 3(1), no person shall cause, suffer, allow or permit a continuous emission into the open air from a control device or stack associated with any affected facility, which is equal to or greater than 20 % opacity.

3. Testing Requirements:

Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4.

4. Monitoring Requirements:

- a. Pursuant to 401 KAR 52:020, Section 26, the permittee shall monitor and maintain records of material used and the total hours of operation on a monthly basis and on a consecutive twelve (12) month total.
- b. Pursuant to 401 KAR 52:020, Section 26, monthly recordkeeping of solvent and surface coating material usage, maintaining current MSDS, and emissions calculations will be the proper methods for demonstrating compliance.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

5. Specific Recordkeeping Requirements:

- a. Pursuant to 401 KAR 52:020, Section 26, monthly records shall be kept of all materials containing HAP(s) used for the above affected facilities, including the product type, amount used and the weight percentages of all individual HAPs.
- b. Pursuant to 401 KAR 52:020, Section 26, records of the monthly usage of lacquer, thinner, and sealer shall be maintained.

6. Reporting Requirements:

See Section F

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Emission Unit 06 Carpentry Operation

Description:

Equipment includes:	Milling operations
Maximum Continuous Rating:	800 board feet/year (2,662 lbs/yr) 1300 hrs/year
Commenced construction:	1985

APPLICABLE REGULATIONS:

401 KAR 59:010, New Process Operations, applicable to an emission unit that commenced on or after July 2, 1975.

1. Operating Limitations:

None

2. Emission Limitations:

- a. Pursuant to 401 KAR 59:010, Section 3(1), no person shall cause, suffer, allow or permit a continuous emission into the open air from a control device or stack associated with any affected facility, which is equal to or greater than 20 % opacity.
- b. Pursuant to 401 KAR 59:010, Section 3(2), particulate emissions shall not exceed 2.34 b/hr on a three hour average.

3. Testing Requirements:

None

4. Specific Monitoring Requirements:

Pursuant to 401 KAR 52:020, Section 26, the permittee shall monitor the wood processed and hours of operation.

5. Specific Recordkeeping Requirements:

Pursuant to 401 KAR 52:020, Section 26, records of monthly total wood processed and hours of operation shall be maintained.

6. Specific Reporting Requirements:

See Section F

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:020, Section 6. Although these activities are designated as insignificant the permittee must comply with the applicable regulation. Process and emission control equipment at each insignificant activity subject to an opacity standard shall be inspected monthly and a qualitative visible emissions evaluation made. Results of the inspection, evaluation, and any corrective action shall be recorded in a log.

<u>Description</u>	<u>Generally Applicable Regulation</u>
1. 1403 gallons diesel fuel storage tank with 31,356 gal/yr throughput	none
2. One 20,000 gallons diesel fuel storage tank with 6,667 gal/yr throughput	none
3. Two 10,000 gallons diesel fuel storage tank with 6,667 gal /yr throughput	none

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

1. As required by Section 1b of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26; compliance with annual emissions and processing limitations contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.
2. PM, SO₂ and Opacity emissions, measured by applicable reference methods, or an equivalent or alternative method specified in 40 C.F.R. Chapter I, or by a test method specified in the state implementation plan shall not exceed the respective limitations specified herein.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

1. Pursuant to Section 1b-IV-1 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
 - a. Date, place as defined in this permit, and time of sampling or measurements;
 - b. Analyses performance dates;
 - c. Company or entity that performed analyses;
 - d. Analytical techniques or methods used;
 - e. Analyses results; and
 - f. Operating conditions during time of sampling or measurement.
2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [Sections 1b-IV-2 and 1a-8 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
3. In accordance with the requirements of 401 KAR 52:020 Section 3(1)h the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
 - a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
 - b. To access and copy any records required by the permit;
 - c. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.
4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
5. Summary reports of any monitoring required by this permit shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation [Sections 1b-V-1 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

6. The semi-annual reports are due by January 30th and July 30th of each year. All reports shall be certified by a responsible official pursuant to 401 KAR 52:020 Section 23. If continuous emission and opacity monitors are required by regulation or this permit, data shall be reported in accordance with the requirements of 401 KAR 59:005, General Provisions, Section 3(3). All deviations from permit requirements shall be clearly identified in the reports.
7. In accordance with the provisions of 401 KAR 50:055, Section 1 the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
 - a. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
 - b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall be submitted in writing upon request.
8. The owner or operator shall report emission related exceedances from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Section F.7 above) to the Regional Office listed on the front of this permit within 30 days. Deviations from permit requirements, including those previously reported under F.7 above, shall be included in the semiannual report required by F.6 [Sections 1b-V, 3 and 4 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
9. Pursuant to 401 KAR 52:020, Permits, Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit and the U.S. EPA in accordance with the following requirements:
 - a. Identification of the term or condition;
 - b. Compliance status of each term or condition of the permit;
 - c. Whether compliance was continuous or intermittent;
 - d. The method used for determining the compliance status for the source, currently and over the reporting period.
 - e. For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

- f. The certification shall be postmarked by January 30th of each year. Annual compliance certifications shall be mailed to the following addresses:

Division for Air Quality
London Regional Office
875 S. Main Street
London, KY 40741

U.S. EPA Region 4
Air Enforcement Branch
Atlanta Federal Center
61 Forsyth St.
Atlanta, GA 30303-8960

Division for Air Quality
Central Files
200 Fair Oaks Lane, 1st Floor
Frankfort, KY 40601

10. In accordance with 401 KAR 52:020, Section 22, the permittee shall provide the Division with all information necessary to determine its subject emissions within thirty (30) days of the date the KYEIS emission survey is mailed to the permittee.

SECTION G - GENERAL PROVISIONS**1. General Compliance Requirements**

- a. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of 401 KAR 52:020 Section 3(1)(b) and a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act). Noncompliance with this permit is grounds for enforcement action including but not limited to termination, revocation and reissuance, revision or denial of a permit [Section 1a-3 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020 Section 26].
- b. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1a-6 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- c. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:020, Section 19. The permit will be reopened for cause and revised accordingly under the following circumstances:
 - (1) If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:020, Section 12;
 - (2) The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
 - (3) The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit;
 - (4) New requirements become applicable to a source subject to the Acid Rain Program.

Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.

- d. The permittee shall furnish information upon request of the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or to determine compliance with the conditions of this permit [Sections 1a- 7 and 8 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- e. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division [401 KAR 52:020 Section 3(1)(c)].

SECTION G - GENERAL PROVISIONS (CONTINUED)

- f. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority [401 KAR 52:020, Section 7(1)].
- g. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a-14 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- h. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a-4 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- i. Except for requirements identified in this permit as state-origin requirements, all terms and conditions shall be enforceable by the United States Environmental Protection Agency and citizens. [Section 1a-15-b of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- j. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038, Section 3(6) [Section 1a-10 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- k. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:020, Section 11(3) 2.].
- l. This permit does not convey property rights or exclusive privileges [Section 1a-9 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- m. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Cabinet or any other federal, state, or local agency.
- n. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry [401 KAR 52:020, Section 11(3) 4.].
- o. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders [401 KAR 52:020, Section 11(3) 1.].
- p. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic Minor source preconstruction permit terms and conditions for various emission units and

SECTION G - GENERAL PROVISIONS (CONTINUED)

incorporates all requirements of those existing permits into one single permit for this source.

- q. Pursuant to 401 KAR 52:020, Section 11, a permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with:
 - (1) Applicable requirements that are included and specifically identified in the permit and
 - (2) Non-applicable requirements expressly identified in this permit.

2. Permit Expiration and Reapplication Requirements

- a. This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:020, Section 12].
- b. The authority to operate granted shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:020 Section 8(2)].

3. Permit Revisions

- a. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of 401 KAR 52:020, Section 14(2).
- b. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.

4. Construction, Start-Up, and Initial Compliance Demonstration Requirements

No construction authorized by this permit.

5. Testing Requirements

- a. Pursuant to 401 KAR 50:045 Section 2, a source required to conduct a performance test

SECTION G - GENERAL PROVISIONS (CONTINUED)

shall submit a completed Compliance Test Protocol form, DEP form 6028, or a test protocol a source has developed for submission to other regulatory agencies, in a format approved by the cabinet, to the Division's Frankfort Central Office a minimum of sixty (60) days prior to the scheduled test date. Pursuant to 401 KAR 50:045, Section 7, the Division shall be notified of the actual test date at least Thirty (30) days prior to the test.

- b. Pursuant to 401 KAR 50:045 Section 5, in order to demonstrate that a source is capable of complying with a standard at all times, any required performance test shall be conducted under normal conditions that are representative of the source's operations and create the highest rate of emissions. If [When] the maximum production rate represents a source's highest emissions rate and a performance test is conducted at less than the maximum production rate, a source shall be limited to a production rate of no greater than 110 percent of the average production rate during the performance tests. If and when the facility is capable of operation at the rate specified in the application, the source may retest to demonstrate compliance at the new production rate. The Division for Air Quality may waive these requirements on a case-by-case basis if the source demonstrates to the Division's satisfaction that the source is in compliance with all applicable requirements.
- c. Results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days or sooner if required by an applicable standard, after the completion of the fieldwork.

6. Acid Rain Program Requirements

If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

7. Emergency Provisions

- a. Pursuant to 401 KAR 52:020 Section 24(1), an emergency shall constitute an affirmative defense to an action brought for the noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or relevant evidence that:
 - (1) An emergency occurred and the permittee can identify the cause of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit;
 - (4) Pursuant to 401 KAR 52:020, 401 KAR 50:055, and KRS 224.01-400, the permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division when emission limitations were exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.

SECTION G - GENERAL PROVISIONS (CONTINUED)

(5) This requirement does not relieve the source of other local, state or federal notification requirements.

- b. Emergency conditions listed in General Condition G.7.a above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:020, Section 24(3)].
- c. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof [401 KAR 52:020, Section 24(2)].

8. Ozone Depleting Substances

- a. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
 - (1) Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
 - (2) Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
 - (3) Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
 - (4) Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.
 - (5) Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
 - (6) Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
- b. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, *Servicing of Motor Vehicle Air Conditioners*.

9. Risk Management Provisions

- a. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:

RMP Reporting Center
P.O. Box 1515
Lanham-Seabrook, MD 20703-1515.

- b. If requested, submit additional relevant information to the Division or the U.S. EPA.

SECTION H - ALTERNATE OPERATING SCENARIOS

None

SECTION I - COMPLIANCE SCHEDULE

None